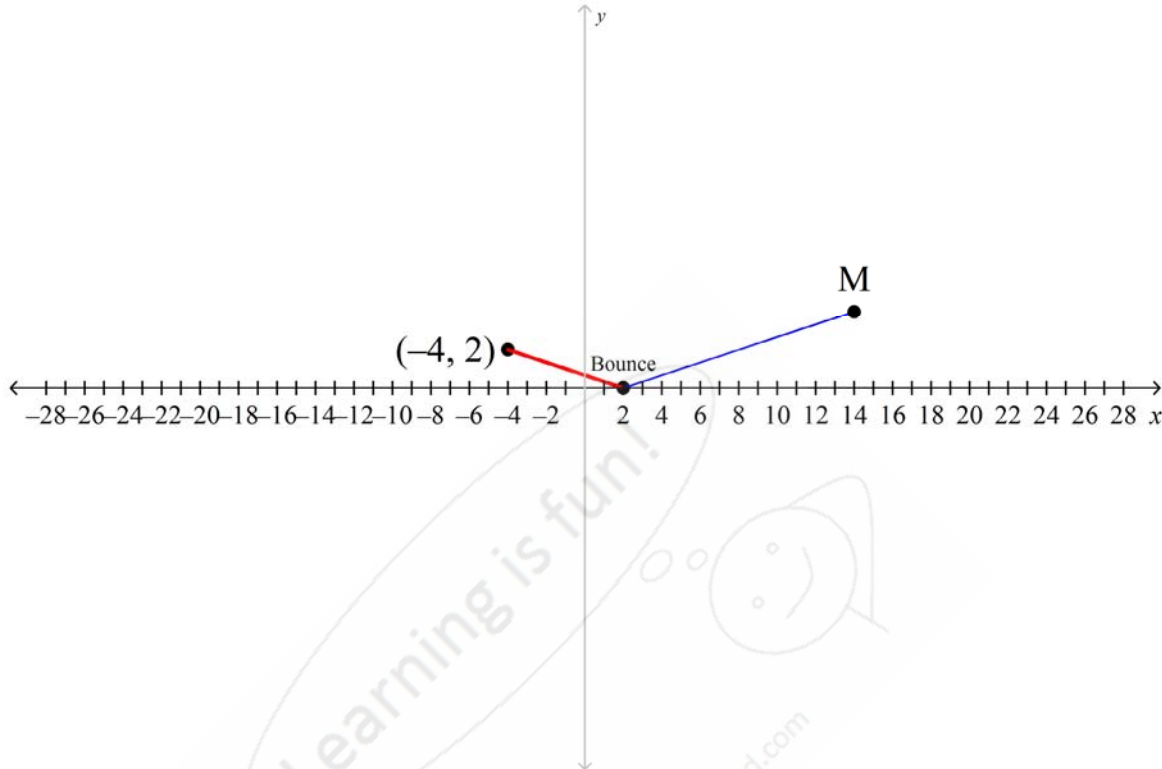


Angle of incidence and reflection**Multiple Choice**

Identify the choice that best completes the statement or answers the question.

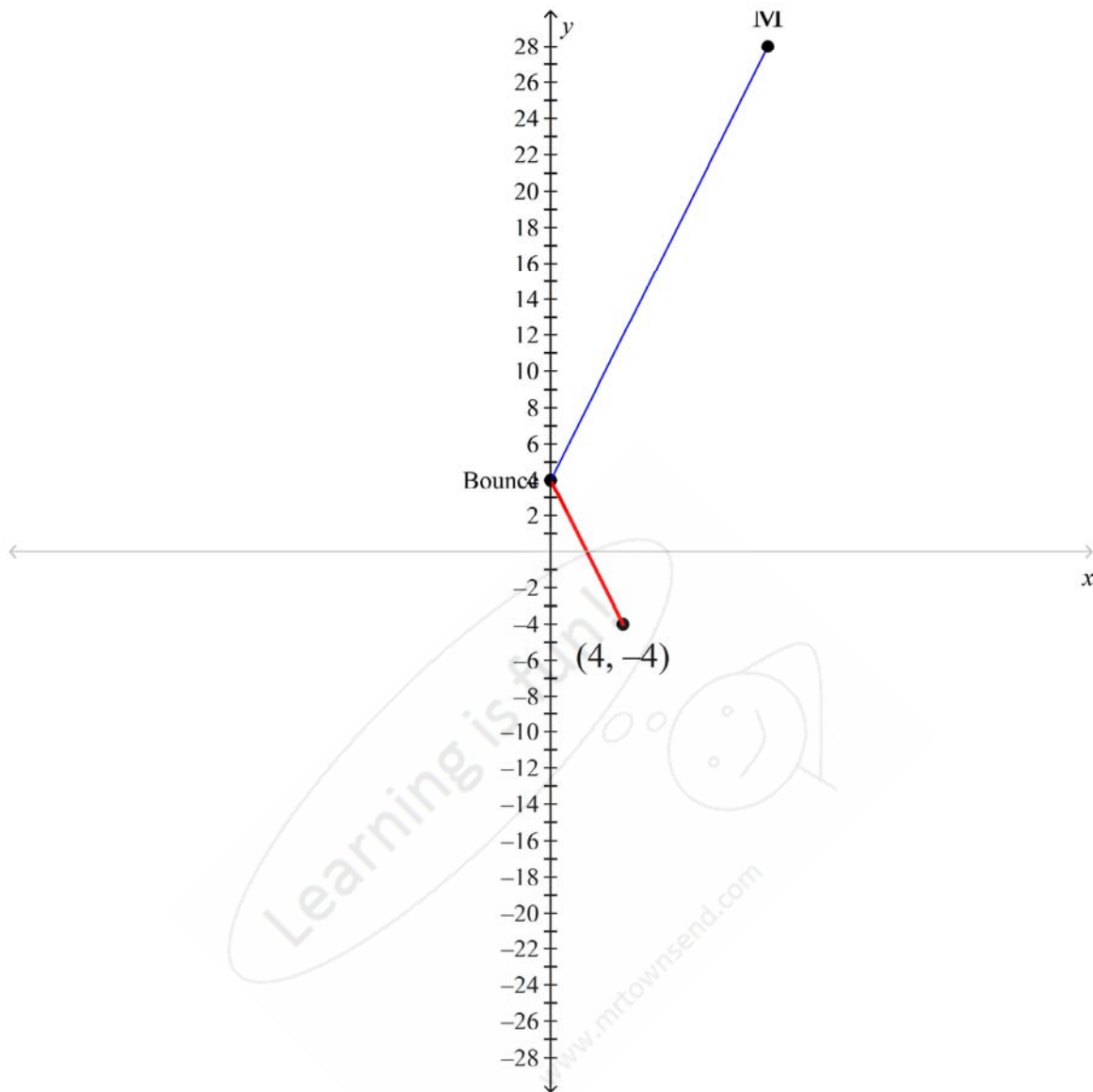


____ 1.

In the picture above, the beginning location is labeled with its coordinates. The angle of incidence and angle of reflection are congruent. What is the y-coordinate value of Point M if the x-coordinate value is 14 ?

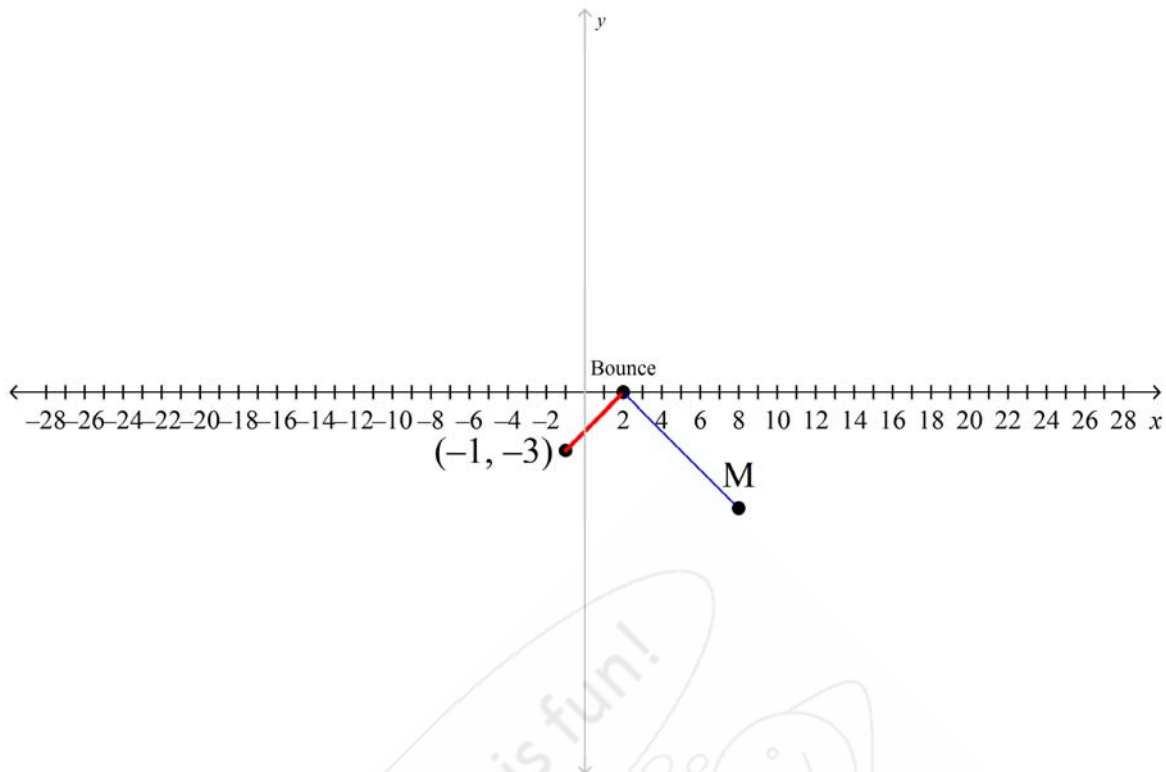
- | | |
|-------|-------|
| a. 4 | c. 6 |
| b. -1 | d. -5 |

____ 2.



In the picture above, the beginning location is labeled with its coordinates. The angle of incidence and angle of reflection are congruent. What is the x-coordinate value of Point M if the y-coordinate value is 28 ?

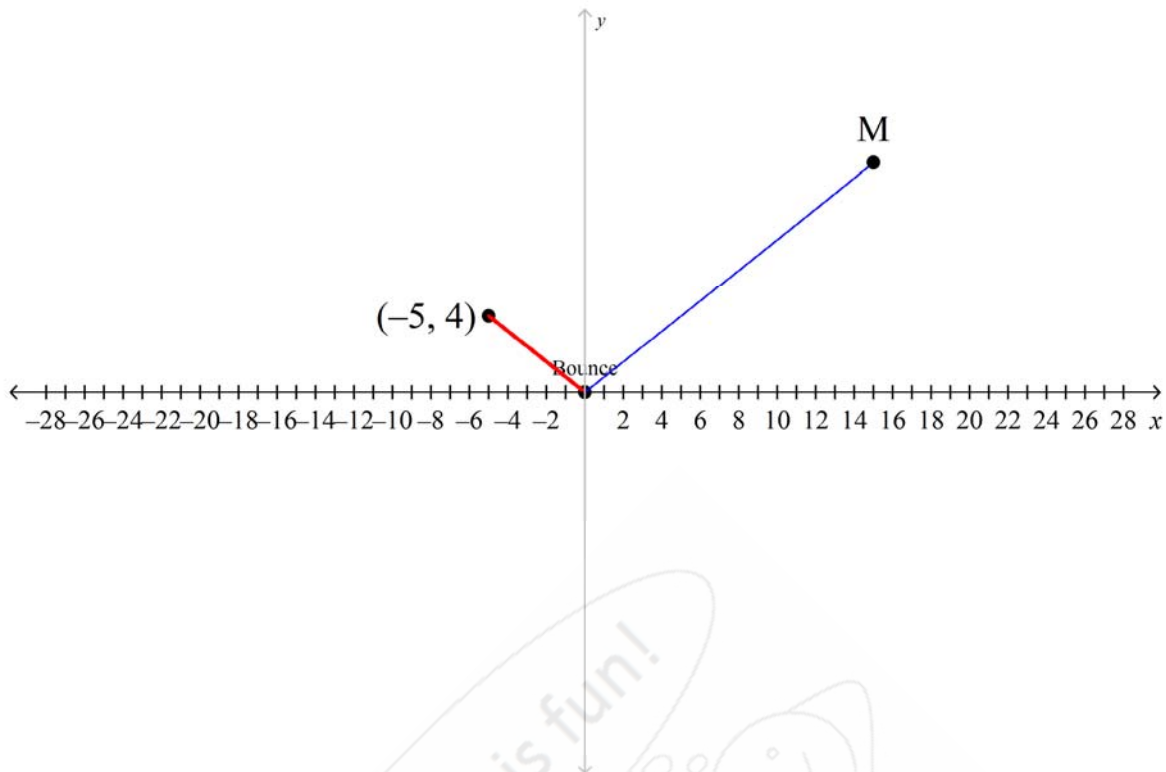
- a. 12
- b. 5
- c. 8
- d. 14



3.

In the picture above, the beginning location is labeled with its coordinates. The angle of incidence and angle of reflection are congruent. What is the y-coordinate value of Point M if the x-coordinate value is 8 ?

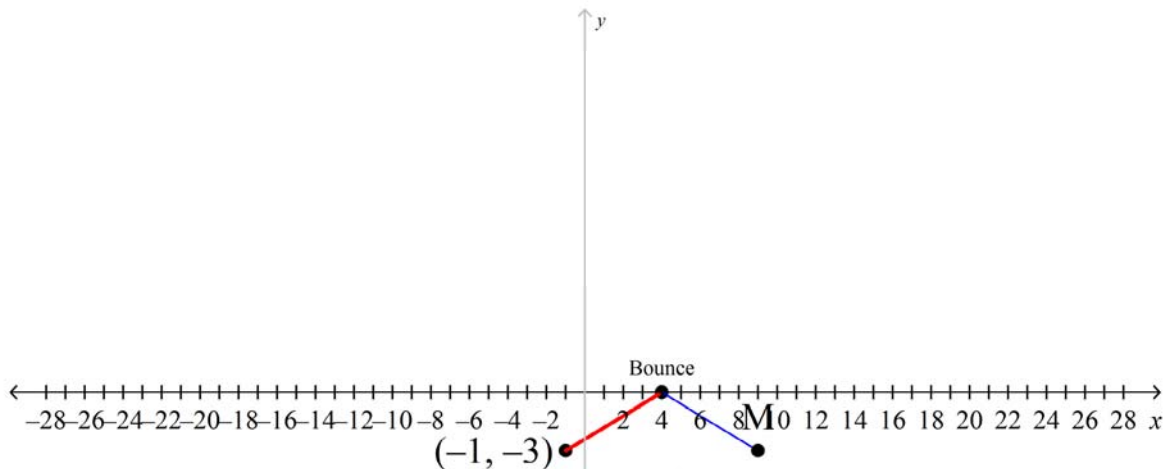
- | | |
|--------|-------|
| a. -2 | c. -9 |
| b. -16 | d. -6 |



4.

In the picture above, the beginning location is labeled with its coordinates. The angle of incidence and angle of reflection are congruent. What is the y-coordinate value of Point M if the x-coordinate value is 15 ?

- | | |
|-------|-------|
| a. 10 | c. 2 |
| b. 16 | d. 12 |

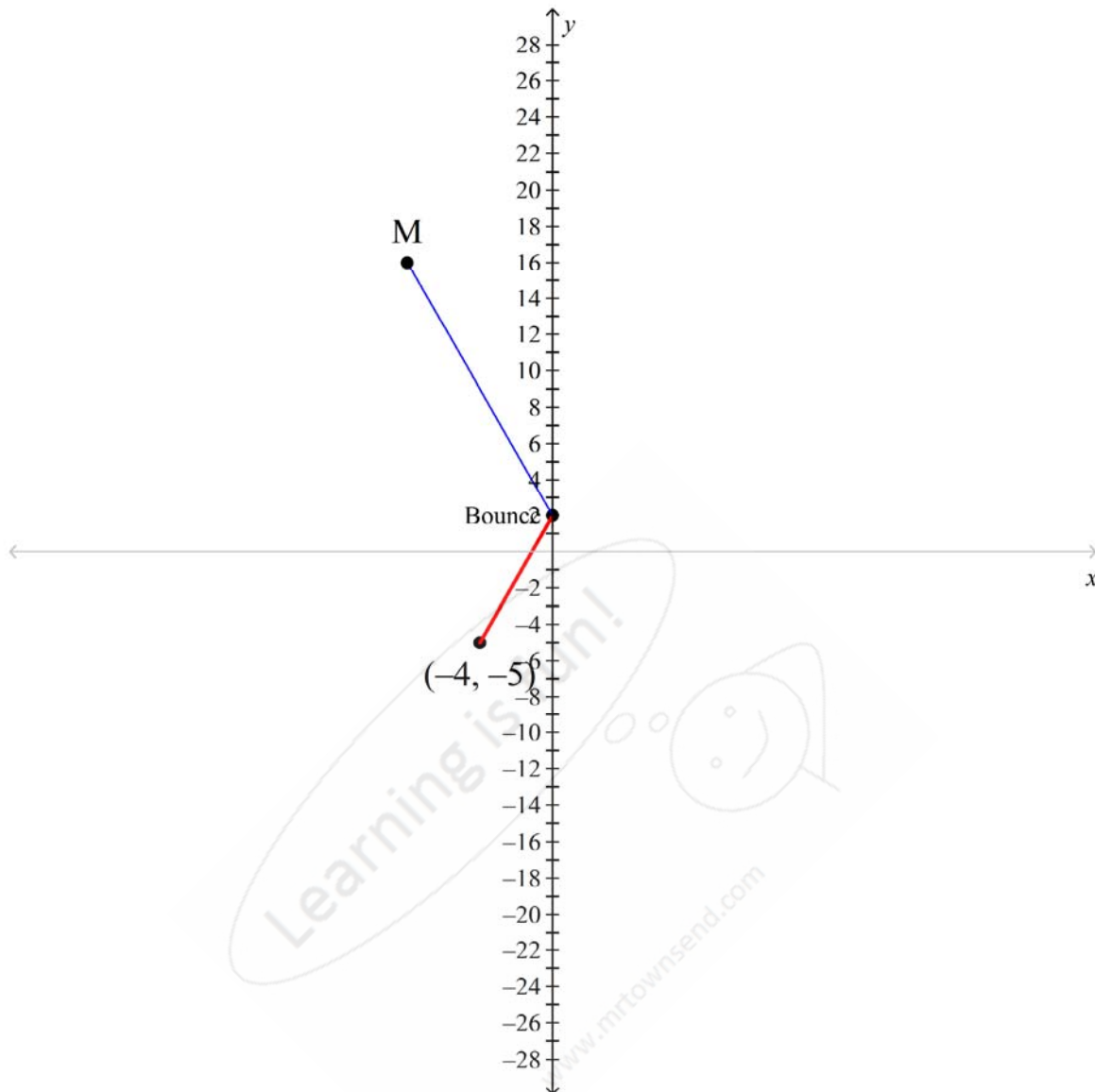


5.

In the picture above, the beginning location is labeled with its coordinates. The angle of incidence and angle of reflection are congruent. What is the y-coordinate value of Point M if the x-coordinate value is 9 ?

- | | |
|-------|-------|
| a. -8 | c. -9 |
| b. -3 | d. -1 |

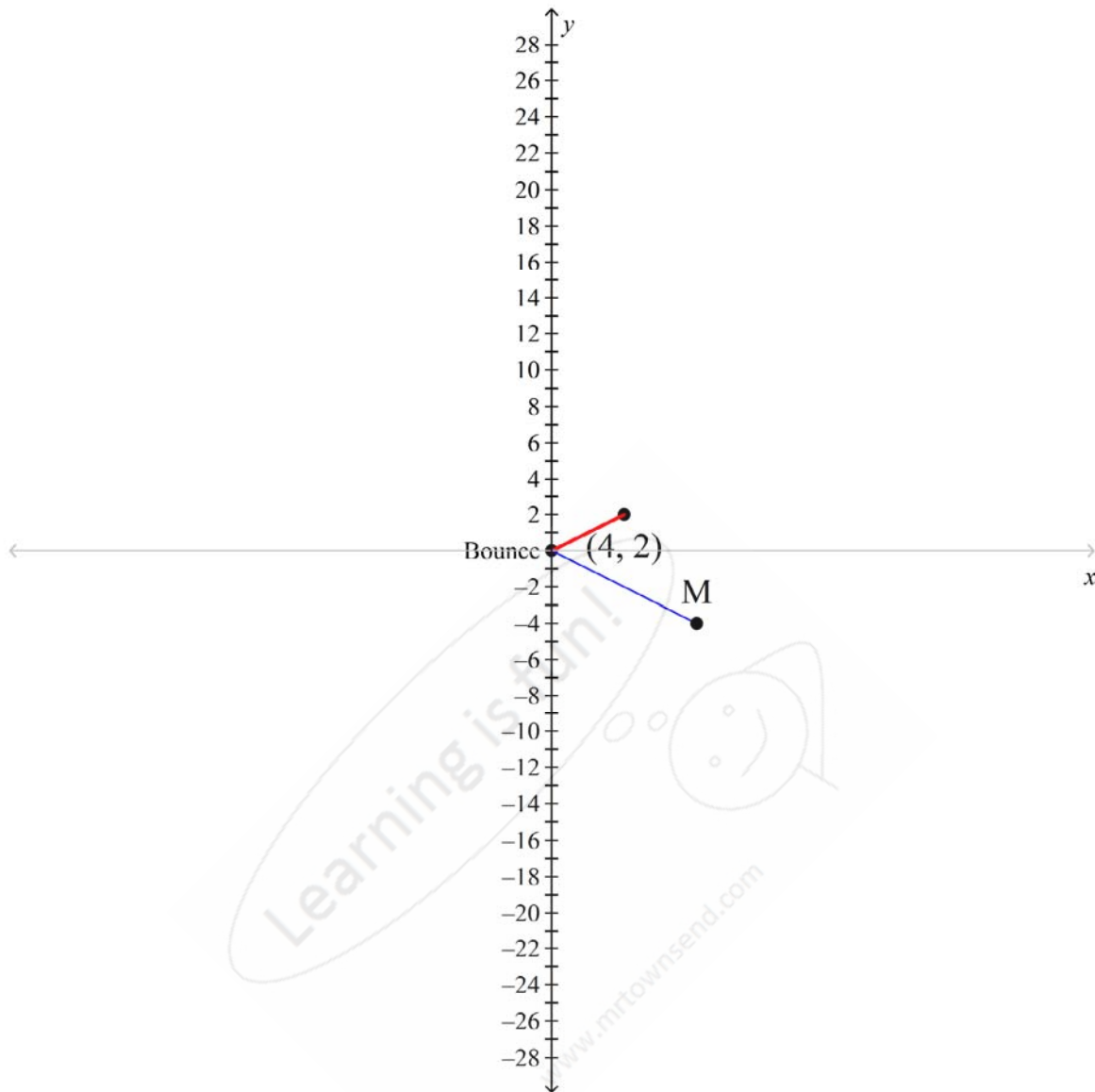
6.



In the picture above, the beginning location is labeled with its coordinates. The angle of incidence and angle of reflection are congruent. What is the x-coordinate value of Point M if the y-coordinate value is 16 ?

- | | |
|--------|--------|
| a. -14 | c. -16 |
| b. -4 | d. -8 |

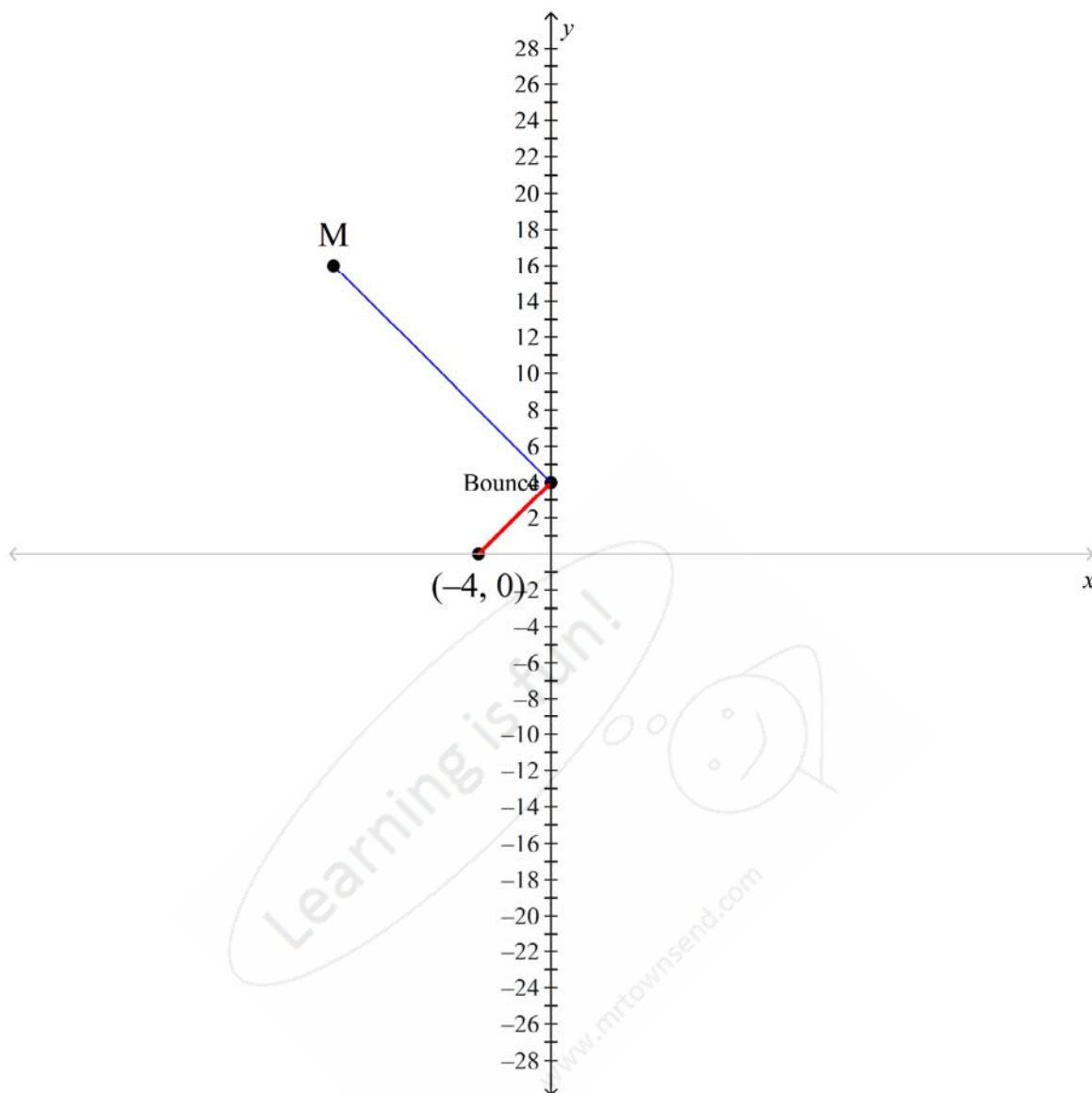
____ 7.



In the picture above, the beginning location is labeled with its coordinates. The angle of incidence and angle of reflection are congruent. What is the x-coordinate value of Point M if the y-coordinate value is -4 ?

- | | |
|---------|---------|
| a. -2 | c. 13 |
| b. 5 | d. 8 |

8.



In the picture above, the beginning location is labeled with its coordinates. The angle of incidence and angle of reflection are congruent. What is the x-coordinate value of Point M if the y-coordinate value is 16 ?

- | | |
|--------|--------|
| a. -12 | c. -14 |
| b. -18 | d. -6 |

Angle of incidence and reflection
Answer Section

MULTIPLE CHOICE

1. ANS: A
2. ANS: A
3. ANS: D
4. ANS: D
5. ANS: B
6. ANS: D
7. ANS: D
8. ANS: A

